EXHIBIT D

INVENTION DISCLOSURE PONO COTIGNET DATE ROVO ATTORNEY EAST Instructions: The Information contained in this document is COMPANY CONFIDENTIAL and may not be disclosed to others without principations authorized to submit this disclosure to the HE legal Department as soon as possible. No patent protection is possible until a patent application authorized, prepared, and submitted to the Government Descriptive Tile of Invention: Ink, let Emissiona/Vapour Condenser Using a Thermoelectric Module Name of Project: FALCON Product Name or Number: Scanning/Page Wide Array Was a description of the Invention published, or are you planning to publish? If so, the date(s) and publication(s): Was the invention disclosed to anyona outside of HP, or will such disclosure occur? If so, the date(s) and name(s): If any of the above shadors welcour within 2 montes cell you IP schemely or the Legal Department now at 1,898,4919 or 970,899,4919. Was the invention described in a fab book or other record? If so, the agency and contract number: Was the invention made under a government contract? If so, the agency and contract number: Description of the construction and operation of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and winess(es). A. Description of the construction and operation of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and winess(es). A. Description of the construction and operation of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and winess(es). A. Description of the construction and operation of the Invention (include appropriate schematic, block, & liming diagrams; drawlings; samples; graphs; fowecharts, computer is inspired. The invention of invention over what has been done before. Problems sowed by the invention. Problems covided by the invention. Problems c		Wri	te in Dark Ink on Front Si	de Only,lease		
Instructions: The Information contained in this document is COMPANY CONFIDENTIAL and may not be disclosed to others without privations of the inventions of the IP Legal Department as soon as possible. No patent protection is possible until a patent application authorization, submit this disclosure to the IP Legal Department as soon as possible. No patent protection is possible until a patent application authorization, submit this disclosure to the IP Legal Department as soon as possible. No patent protection is possible until a patent application link let Emissions Vapour Condenser Using a Thermoelectric Module Name of Project: FALCON Product Name or Number: Scanning/Page Wide Array Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): **May of the above shadous wiscour within 3 annuts. call your IP attention of Legal Department now at 1 898-1919 or 970 898-1912 Was the invention described in a tab book or other record? If so, please identify (tab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number. Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the invention(s) and winness(es). A Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; chawings; samples; graphs; flowcharts, computer lisbings, test results; etc.) B. Advantages of the invention over what has been clone before. Proto solutions and their desdvantages (if evallable, attach copies of product filterature, technical articles, patents, etc.) Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: I. Prior Solutions and Can	ha			•		PAGE ONE OF 6
authorization, Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application authorized, prepared, and submitted to the Government Descriptive Title of Invention: Ink Let EmissionsVapour Condenser Using a Thermoelectric Module Name of Project: FALCON Product Name or Number: ScanningPage Wide Array Was a description of the Invention published, or are you planning to publish? If so, the date(s) and publication(s): Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): ### May of the above shators wild occr within 3 months, cut your IP interrupt or the Legal Department new at 1.898-1919 or 970.898-1912 Was the invention described in a tab book or other record? If so, please identify (tab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: *Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and winness(as). A Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts, computer issings; test results; etc.) Advantages of the Invention over what has been done before. Problems solved by the invention over what has been done before. Problems solved by the invention over what has been done before. Problems solved by the invention. Pursuant to my (out) employment agreement, I (we) submit this disclosure on this date: I. #### Pursuant to my (out) employment agreement, I (we) submit this disclosure on this date: I. ###################################		PDNO 10011694	DATE RCVD	-	TPD -	ATTORNEY EAA
Description of the construction made under a government contract? If so, the agency and contract number: Was the invention made under a government contract? If so, the agency and contract number: Was the invention of invention: Please preserve all records of the invention and attach additional pages for the following. Each additional pages for the construction of the invention; testing the singled and dated by the invention; testing the invention of the inven	authorization. S	Submit this disclosure to the HP Li	agal Department as soon as possi	FIDENTIAL and may ble. No patent protect	not be disc ion is possib	losed to others without price le until a patent application i
Name of Project: FALCON Product Name or Number: Scanning/Page Wide Array Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s): Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): If any of the above situations will occur within 3 months, call your IP eliterary or the Legal Department now at 1 4994-4919 or 970 899-4919. Was the invention described in a fab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) A Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) A Advantages of the invention over what has been done before. Problems solved by the invention. Prior solutions and their dasdvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: []. Employee No. Name Signature Telnet Mailstop Entity & Leb Name						
FALCON Product Name or Number: ScanningPage Wide Array Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s): Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): If any of the above situations will occur within 3 months, call your IP elitorary or the Legal Department now at 1.898-1919 or 970-898-1919. Was the invention described in a tab book or other record? If so, please identify (tab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) Problems solved by the invention. Prior solutions and their desdvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [ink Jet Emissi	ons/Vapour Condenser Using a	Thermoelectric Module			
Scanning/Page Wide Array Was a description of the Invention published, or are you planning to publish? If so, the date(s) and publication(s): Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): If any of the above sheatons indicocur within 3 months, cell your IP elementy or the Legal Department new at 1 898 4919 or 970 898 4919. Was the invention described in a fab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). Obscription of the construction and operation of the Invention (Include appropriate schematic, block, & timing diagrams; drawlings; samples; graphs; flowcharts; computer listings; test results; etc.) A Obscription of the construction and operation of the Invention (Include appropriate schematic, block, & timing diagrams; drawlings; samples; prophes solved by the invention. Prior solutions and their desdvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: I. Light Total Mailstop Entity & Leb Name Telnet Mailstop Entity & Leb Name		ct				
Was a product including the invention published, or are you planning to publish? If so, the date(s) and publication(s): Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s): Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): ### Any of the above shiptons inforcer within 3 months, cell you IP atternay or the Legal Department new at 1 898 4919 or 970 898 4919. Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A Description of the construction and precipitor of the invention of include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) A Advantages of the invention over what has been done before. Problems solved by the invention. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). ##################################	Product Name	or Number:				
Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and rame(s): ### If my of the above situations will occur within 3 months, call your IP intermal of the Legal Department now at 1 4994-1919 or 970-9994-1913 #### Was the invention described in a tab book or other record? If so, please identify (lab book #, etc.) ###################################						
Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s): If any of the above situations infoccur within 3 months, cell your IP eletimany or the Legal Department now at 1 898 4919 or 970 898 4919. Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) 3. Advantages of the invention over what has been done before. 3. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Was a descripti	on of the invention published, or a	ve you planning to publish? If so,	the date(s) and publica	ition(s):	,
il eny of the above sinuations will occur within 3 months. cell your IP eltomary or the Legal Department now at 1,898-1919 or 970-899-1919. Was the invention described in a tab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their desedvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Was a product i	including the invention announced	offered for sale, sold, or is such a	activity proposed? If so	o, the date(s) and location(s):
Was the invention described in a tab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Was the inventi	on disclosed to anyone outside of	HP, or will such disclosure occur?	If so, the date(s) and	rame(s):	
Was the invention described in a tab book or other record? If so, please identify (lab book #, etc.) Was the invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [il abu në the abous citustence set cover	within Township outliers ID otherwise at	bu Land Decade and a second	4 200 1040 4	NA DAD 4040
Was this invention built or tested? If so, the date: Was this invention made under a government contract? If so, the agency and contract number. Description of Invention: Please preserve all records of the Invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the Invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: I. LEGICATE (Interest A. Rece Signature 519-646% 54-6-5643 Engloyee No. Name Signature Technical Mailstop Entity & Leb Name	Was the inventi	on described in a lab book or other	r record? If so please identify (lab	hook # elc \	1-698-4919 or 5	770-898-4919.
Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [, , , , , , , , , , , , , , , , , , , ,	, 200% ir, 4(0.)		•
Was this invention made under a government contract? If so, the agency and contract number: Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [
Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Was the inventi	on built or tested? If so, the date:				· · · · · · · · · · · · · · · · · · ·
Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [
Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Was this inventi	on made linder a government con	troat? If on the east-stand and			
Description of the construction and operation of the inventor(s) and witness(es). Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Tros una intenti	con made insider a Boyamment cot	mactr it so, the agency and contr	act number;		
Description of the construction and operation of the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [
Description of the construction and operation of the inventor(s) and witness(es). A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.) B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [Description of	Invention: Please preserve all re	cords of the invention and attach a	edditional pages for the	following	Fach additional name should
graphs, nowcharts, computer issings; test results; etc.) Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [De signed and dated b	v the inventoris) and witnessias)			
B. Advantages of the invention over what has been done before. C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [A. Description	of the construction and operation	of the invention (include appropri	ate schematic, block, 8	timing diag	rams; drawings; samples;
C. Problems solved by the invention. D. Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [graphs, nov	wchans, computer ilsengs; test ret	SUILS; etc.)			
2) Prior solutions and their disadvantages (if available, attach copies of product fiterature, technical articles, patents, etc.). Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [C. Problemss	colved by the invention	sen dona belore.			
Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [D. Prior solution	ons and their disadvantages (if av	allable, attach copies of product fit	erature technical adial	on natorie	ole 1
4907/8 Alleret A. Rich Affens 313-6468 5469-5643 Employee No. Name Signature Telnet Mailstop Entity & Lab Name	Signature of In	ventor(s): Pursuant to my (our) e	mbloyment agreement. I (we) sub-	mit this disclosure on the	es, paterilis, his dater f	etti.).
TA 2 th and the		• • • • • • • • • • • • • • • • • • • •	, , , , , , , , , , , , , , , , , , , ,	and and and and all the	iio Calo. [,	
TA 2 th and the	470718	Alcher A. Rosa	11 line	313.6468		540-5643
TA 2 th and the	mployee No.	Name	Signature	Telnet	Mailslop	Fility & Leb Name
46-4122 DAVID B CARSON Karel Jeur 202 2176 54-6-56-43 mployee No. Name Signature Telnet Mailstop Entity & Lab Name				. 3/101		
mptoyee No. Name Signature Teinet Mailstop Entity & Lab Name	464122	DAYLD B LARDON	Land for	212 2176		LAB
CHURCH CONTRACTOR CONT	mployee No.	Namo	Signature		Mailatoo	
			•			

Form 3.1 idf.doc, re-

Employee No.

Employee No.

Name

Signature

Name Signature Telnet Mailstop Entit (If more than four inventors, include additional information on another copy of this form and attach to this document)

Telnet

Mailstop

Entity & Lab Name

Entity & Lab Name

Write in Dark Ink on Front Side Only, ease

INVENTION DISCLOSURE	COMPANY CONFIDENTIAL	PAGE	OF B
Dimention of Mitagen (OR): (Diago by in oblaw the	summing of the personis) to woom invention was first disclosed)		,
The invention was first explained to, and und		c of Signature	
Full Hamo	Talk at the c	Day	e or arth more
Wade Antoine Powell Full Hame Antoine Powell TOHN FACIMAGA	Signature Samy		
Fut Hame 1~70 Mg	Signature	Da	le of Signature
TOHIN BACIMAGA	John Brans		•
		- from P addragh do	this document
Inventor & Home Address Information: #	more than 'our inventors, include acid information on a copy of th	2 KHII 6 THROTH	THE PARTITION Y
Inventor's Full (-tune			
Michal Riou			
Sueal			
12148 SE Grove CI.		State	Zip
City			
MBwaukle		OR	97222 Zo
Do you have a Residential P.O. Address 7. P.O. BOX.	City	State	r.h
Greeted to (nickname, middle name, stc.)	Cikzership CANADA		
Mike			
inventor's full Name			
DAVID BEET LAFSEN			
Shoed			
		State	č p
MARIONEFA		Wit	98687
On you have a Residential P.O. Address? P.O. BOX	City	State	Ľφ
OD AND USAS 2 VICTORIES OF VICTORIES			
Grosted as (nickrame, middle name, etc.)	Citizenship 45	1	
Georged as (nickrame, middle name, etc.) OAIA>		71	
investor's Full Name			
Street			
		State	Zip
City		SHORE	Ly
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	City	Ştare	Zip
Do you have a Residential P.O. Address? P.O. BOX	Cark		- r
	Citizenship		
Greckel as (nickname, middle name, etc.)			
Inventor's Full Name			
Street			
			70
Q ₁		State	Ζφ
		Cirin	Ζp
Co you have a Residential P.O. Audress 2. P.O. BOX	City	State	c.y
	Chzenship		
Greeled as Inchrime, middle name, etc.)	CRECISIP		

Form 3.1 idf.doc, rev

Mike Riou

16, 3/6 Aftive L'and Sam

A: Description of Invention

New high throughput writing systems will require heaters to drive off moisture from the paper. This is required to achieve handleability and stacking goals for the output. Once the paper and ink is heated, the high humidity air must be collected, processed and exhausted to the atmosphere. The humid air is a mixture of water from the ink, paper, solvents from the ink, and ink aerosol. This invention uses a thermoelectric module to create a "cold plate", or cold surface that will condense the water and solvent when they come in contact with

The thermoelectric module uses electricity to create a hot and cold junction in the module. There are no moving parts, no fluids, no compressors. The amount of voltage and current can be regulated to vary the amount of power going into the system.

(See attached diagram for a schematic of system.)

B: Advantages of Invention:

Witnesses: Wade of Powell John Boury

- One of the main advantages of using a thermoelectric module to create a cold surface is that there are no moving parts.
- 2) A compressor or other heat exchanger that utilizes fluid is unnecessary.
- The cooling power used can be varied with altering the amount of power going to the module.

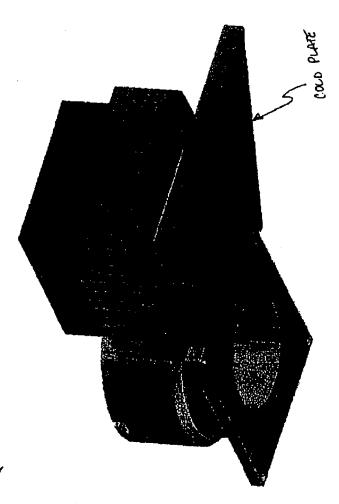
C: Problems Solved by the Invention:

- 1) A cold surface is created to allow water and solvents to condense out.
- Low maintenance solution no moving parts to wear out.

D: Prior Solutions and their Disadvantages:

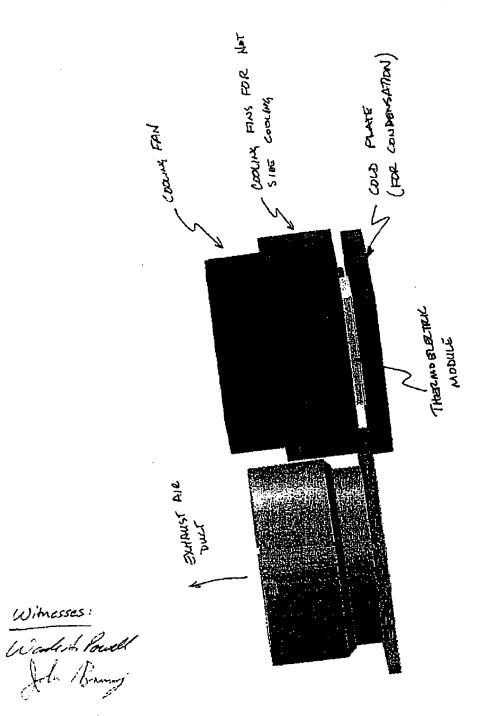
The only solution I know of is an aerosol fan to remove air from the interior of the printer. We have never cooled or condensed vapour.

lage 46 Mking

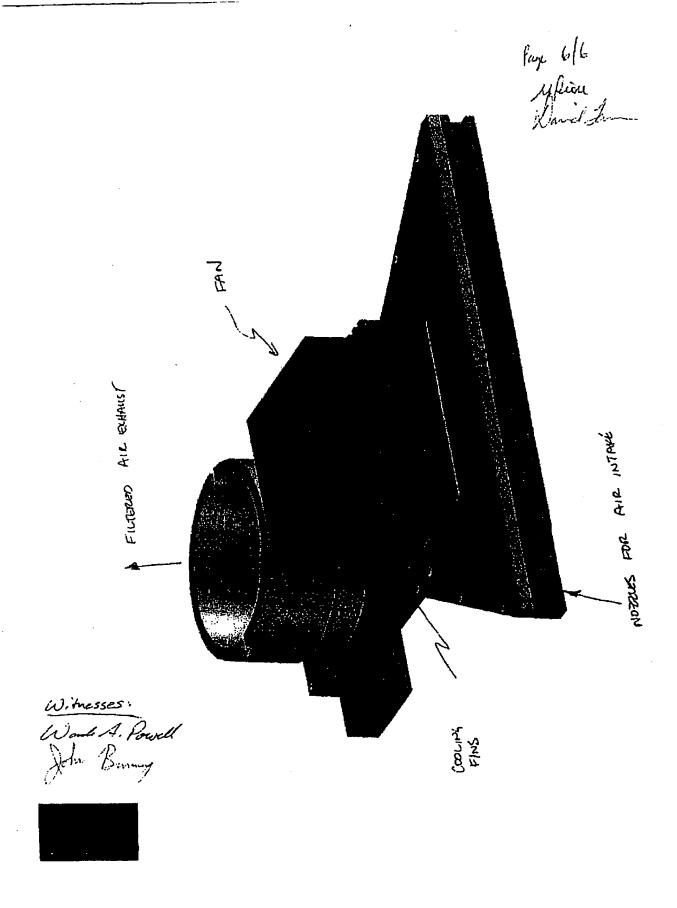


Witnesses: Waste A. Parell





ky 5/6 Mari Am



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☐ BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
Потнер.

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.